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XGC130E履带起重机

XGC130E CRAWLER CRANE

徐工集团工程机械股份有限公司

XCMG CONSTRUCTION MACHINERY CO.,LTD.

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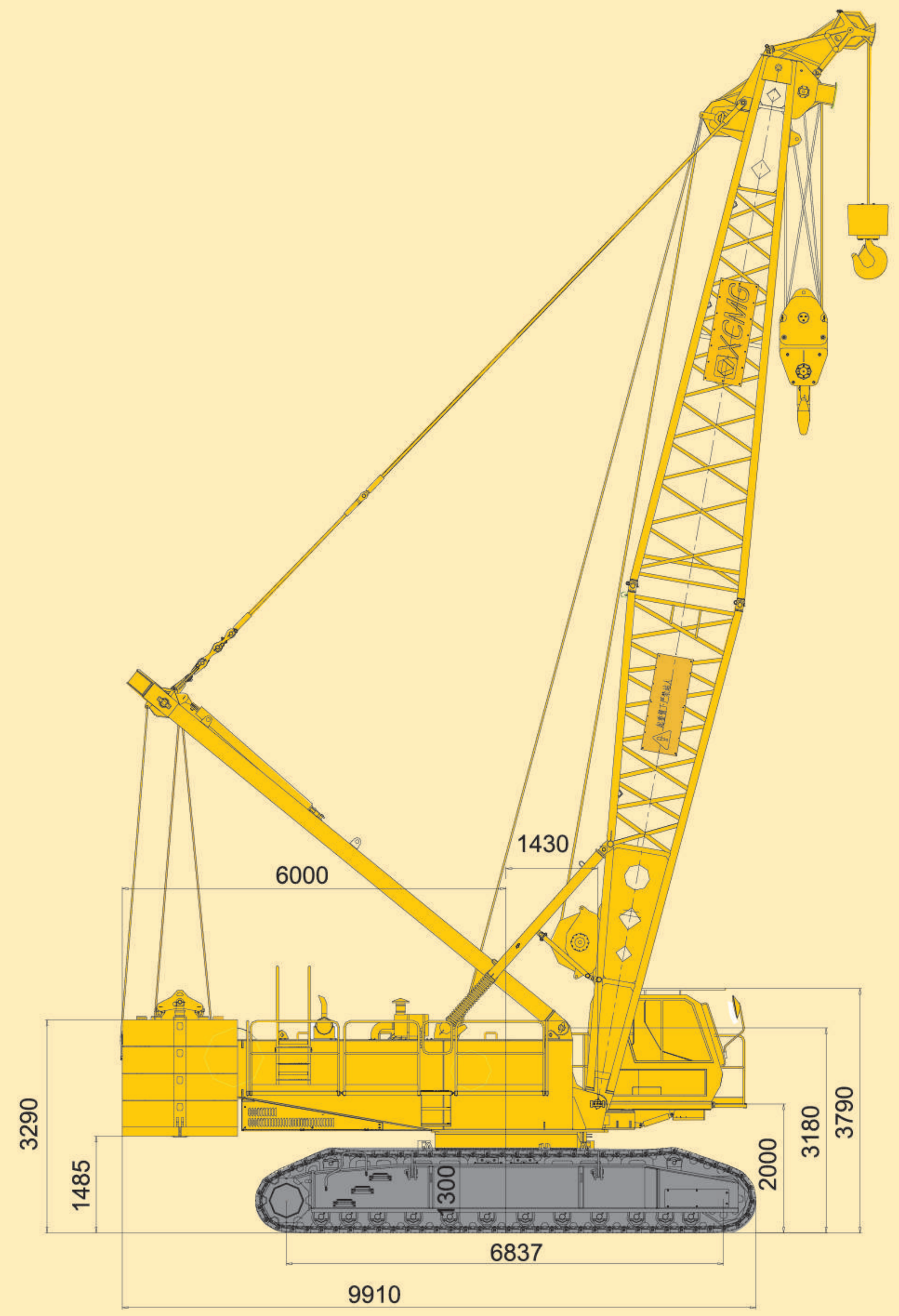
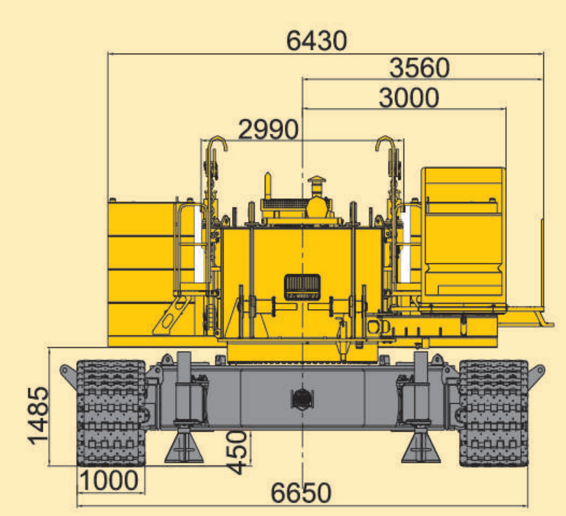
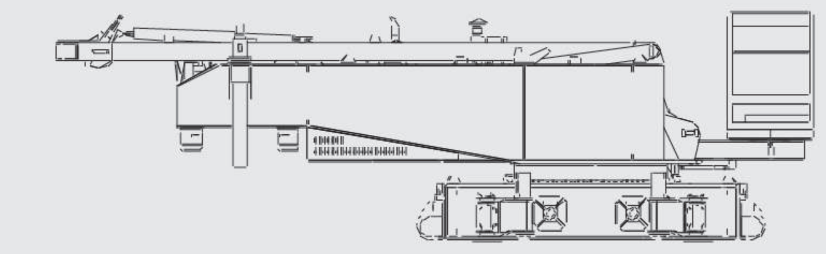
	固定副臂 Fixed jib	t	20
最大起重力矩 Max. load moment		t•m	720
主臂长度 Boom length		m	16~76
主臂变幅角度 Boom elevating angle	主臂工况 Boom working condition	(°)	30~80
	固定副臂工况 Fixed jib working condition		30~80
固定副臂长度 Fixed jib length		m	13~31
起升机构最大单绳速度(空载、第五层) Winch mechanism max. single line speed (no load, at 5th layer)		m/min	120
主臂变幅机构最大单绳速度(空载、第三层) Boom elevating mechanism max. single line speed(no load,at 3rd layer)		m/min	2X45
最大回转速度 Max. slewing speed		r/min	1.5
最高行走速度 Max. traveling speed		km/h	1.3
爬坡度 Grade ability		%	30
平均接地比压 Average ground pressure		Mpa	0.089
发动机功率 Engine power		kW	206
整机质量(主吊钩，全配重，16米臂) Mass of the vehicle as a whole (including main hook block and 16m boom)		t	122
运输状态单件最大质量 Max. mass of single unit in travel configuration		t	35.7
运输状态单件最大尺寸(长×宽×高) Max. dimension of single unit in travel configuration (L×W×H)		m	11.0x3.0x3.3

本印刷品所包含的数据，会随着产品的不断升级而改变，请以实际产品为准
Pictures and data in this catalog will change with the update and modification of products, so please take the actual vehicle as reference.

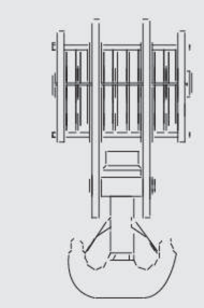




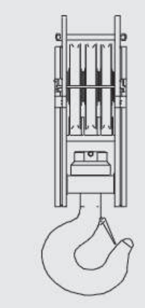
主要零部件
Main Parts



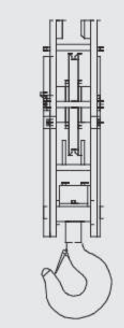
主机 Main Unit	×1
长 L	11000mm
宽 W	3000mm
高 H	3300mm
重量 Weight	35.7t



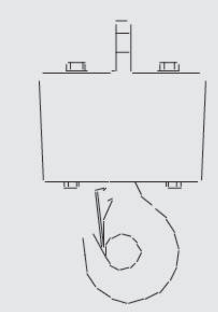
130t吊钩 Capacity Hook Block	×1
长L	2035mm
宽W	1025mm
高H	750mm
重量 Weight	2200kg



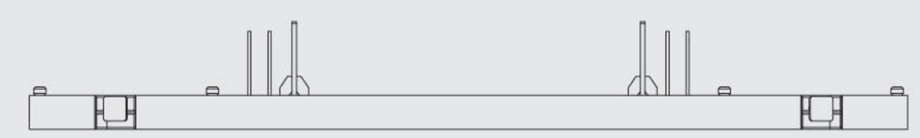
80t吊钩 Capacity Hook Block	×1
长L	1970mm
宽W	435mm
高H	750mm
重量 Weight	945kg



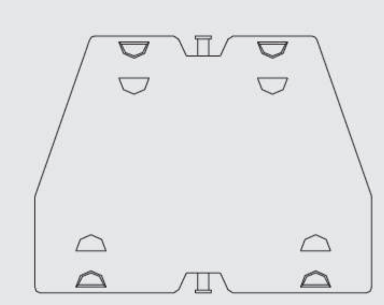
32t吊钩 Capacity Hook Block	×1
长L	1800mm
宽W	321mm
高H	750mm
重量 Weight	700kg



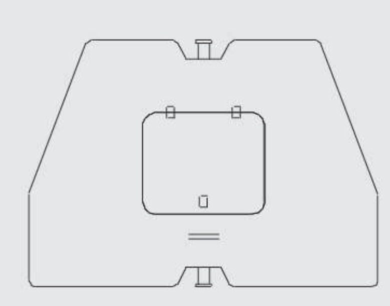
13.5t吊钩 Capacity Hook Block	×1
长L	900mm
宽W	325mm
高H	520mm
重量 Weight	500kg



平衡重托盘 Counterweight Tray	×1
长L	5740mm
宽W	1800mm
高H	531mm
重量 Weight	11t

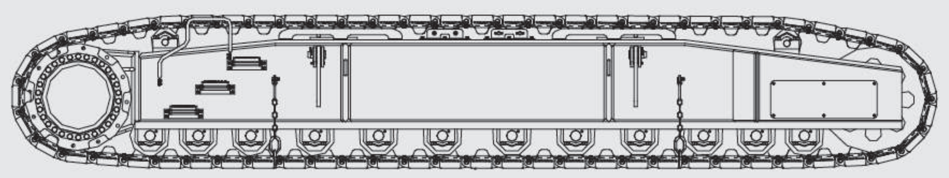


平衡重 Ⅰ Counterweight Ⅰ	×6
长L	1800mm
宽W	1280mm
高H	413mm
重量 Weight	5t

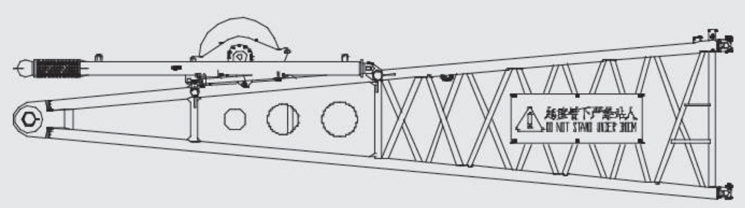


平衡重 Ⅱ Counterweight Ⅱ	×2
长L	1800mm
宽W	1280mm
高H	413mm
重量 Weight	2t

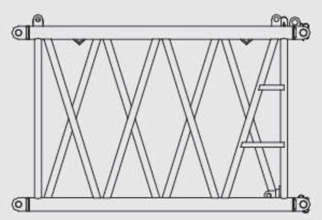
主要零部件
Main Parts



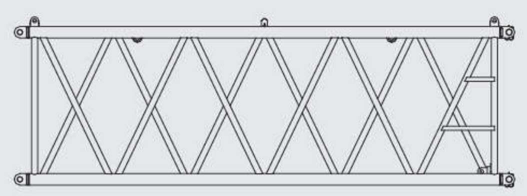
履带架 Track Frame	×2
长L	7825mm
宽W	1509mm
高H	1318mm
重量 Weight	16200kg



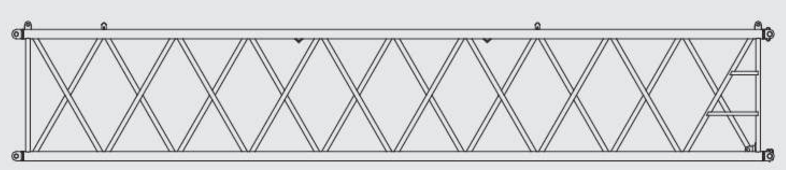
主臂底节臂 Boom Butt	
长L	8300mm
宽W	2020mm
高H	1920mm
重量 Weight	4750kg



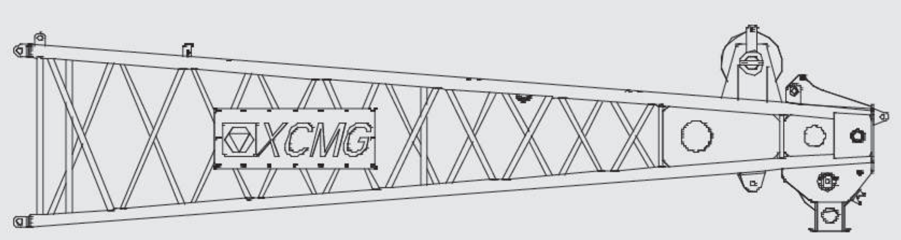
主臂3米中间节 Boom Butt	×2
长L	3120mm
宽W	2020mm
高H	1950mm
重量 Weight	500kg



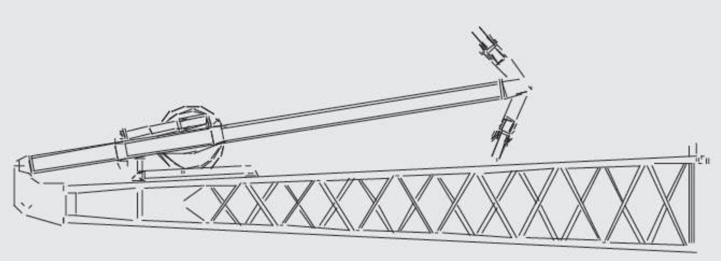
主臂6米中间节 Boom Insert	×1
长L	6120mm
宽W	2020mm
高H	1950mm
重量 Weight	840kg



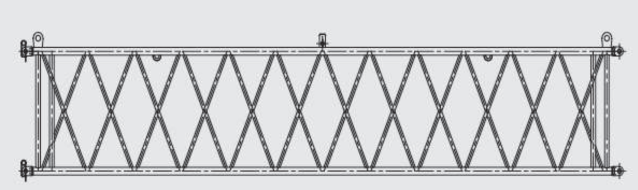
主臂12米中间节 Boom Insert	×4
长L	12120mm
宽W	2020mm
高H	1950mm
重量 Weight	1540kg



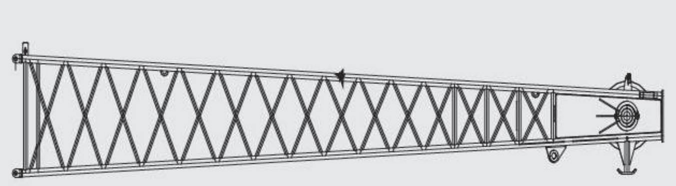
主臂顶节臂 Boom Top	
长L	8660mm
宽W	2020mm
高H	2050mm
重量 Weight	2140kg



固定副臂底节臂 Fixed Jib Butt	
长L	6145mm
宽W	1250mm
高H	2020mm
重量 Weight	835kg



固定副臂中间节 Fixed Jib Insert	×3
长L	6065mm
宽W	1065mm
高H	965mm
重量 Weight	250kg



固定副臂顶节臂 Fixed Jib Top	
长L	7510mm
宽W	1065mm
高H	965mm
重量 Weight	437kg

详细介绍
Detailed Introduction

上 车

发动机

采用上柴发动机，额定功率 206kW，额定转速为 2200rpm，最大输出扭矩 1112N•m。排放符合 GB17691-2005（第三阶段）排放标准。

电气控制系统

智能化计算机集成式可编程控制系统，是该产品的关键核心技术，采用PLC 可编程控制器，并与常规电气相结合，完成系统的逻辑控制与液比例控制功能，实现起重机的自动控制，大大提高起重机的作业安全性、可靠性和作业效率。本机操作可通过电脑大屏幕显示出来，很方便的实现了人机对话。

液压系统

采用液比例控制，开闭式回路相结合，主泵为变量泵系统，采用分功率控制，无功率越权。可实现与负载无关的流量分配，具有抗流量饱和功能；发动机功率极限控制，可自动实现功率适应，有效避免发动机熄火。
液压系统组成：
起升系统，变幅系统，回转系统，行走系统，辅助安装系统。
特点：主泵具有ΔP 调节功能，可实现主系统微动控制，
起升系统、主变幅系统，行走系统均具有高速档及微动档，操作灵敏，动作平稳。
回转采用闭式系统，响应快，控制精准，起制动、换向平稳，无冲击。可以满足频繁换向，微动。

起升机构

主副起升机构采用内藏式减速机，独立驱动，主起升机构采用高强度螺栓安装在转台上，副起升机构通过销轴安装于主臂底节臂上，以减轻主机运输重量。主副起升机构可互换使用。减速机安装有片式常闭制动器，安全可靠。采用溅油方式润滑，无需维护保养。起升机构还具有换油方便、低噪音、高效率、长寿命等特性。
起升机构最大单绳速度可达 120m/min，同时具有优良的微速性能。

变幅机构

主臂变幅机构为双联卷筒独立驱动，用高强度螺栓固定于转台尾部。主臂变幅机构采用内藏式减速机，片式常闭制动器。卷筒设有棘轮锁止装置，以实现机械制动，安全可靠。主臂变幅机构与转台采用销轴连接，便于组装。

回转机构

回转机构布置在转台内侧前面，由两个行星减速机组成，与回转支承内啮合。液压缓冲，具有自由滑转机能。可控常闭、片式制动器，工作可靠，维修方便。

回转支承

采用三排滚柱式回转支承，质量稳定可靠。

Crane Superstructure

Engine

Shanghai diesel engine, rated output 206kW, rated speed 2200rpm, max. output torque 1112N.m, emission in compliance with GB17691-2005 (Stage III).

Control system

Intelligent computer integrated programmable control system is the key technology of the crane. PLC programmable controller is used, in combination with conventional electrics, to realize logic control and electronic proportional control of the system, and to improve safety, reliability and efficiency for crane operation. Crane operation can be shown by a larger computer display, easy for man-machine interaction.

Hydraulic system

Electronic proportional contronl,with combination of open/closed type circuit, main pump is variable displacement pump system,with distribution power control,no power over-ride, may realize flow distribution independent of load, and have the function of anti-current quantity saturation; engine power limit control may realize automatic power suit, efficiently avoid engine shut-down.
Hydraulic system composition: hoist system, luffing system, slewing system, travel system, and auxiliary assembl system.
Features: Main pump has Δ P regulation function, may realize main system fine motion control; hoist system, main luffing system and travel system have high speed gear and fine motion gear for sensitive operation and smooth movement. Slewing gear is closed type system, quick response, accurate control, stable starting, braking and direction change, no impact, may satisfy operation of frequent direction change and fine motion control.

Hoist winch

Main/auxiliary winch has built-in speed reducer with independent drive, and oil supplied by combination of two pumps, main hoist winch is installed with high- strength bolt on turntable and auxiliary hoist winch installed with pin shaft on boom base to reduce basic machine transport weight. main/auxiliary hoist winch can be exchangeable for use.Speed reducer has disc type constant closed brake with oil-bath lubrication for safe and reliable work without maintenance. Hoist winch also features easy oil change, low noise, high efficiency and long service life.
Hoist winch max. single line speed is 120m/min, with good fine speed performance.

Luffing gear

Boom luffing gear is a twin drum independent drive unit, fixed on turntable tail with high-strength bolt; Boom luffing gear has built-in speed reducer and disc type constant closed brake. Winch drum has a ratchet locking device to realize mechanical braking, safe and reliable. Boom luffing gear is connected with turntable by pin shaft, easy for assembly.

Slewing gear

Slewing gear is arranged inside the front of turntable, made up by two planetary reducers, and internal meshed with slewing ring, has the function of hydraulic buffering and free-swing. The controllable constant closed disc type brake is reliable for work and easy for maintenance .

Slewing ring

Slewing ring is a 3-row roller type slewing bearing,with stable and reliable quality.

主机平衡重

主机平衡重可进行自拆装（选配），与转台的连接增加了销轴油缸，消除了平衡重在拆装过程中的安全隐患。
主机平衡重共重 46t, 包括：
平衡重托盘　　11t/ 件 共 1 件
平衡重 I　　5t/ 件 共 6 件
平衡重 II　　2t/ 件 共 2 件

Counterweight

Counterweight has self assembly/disassembly（optional）, and a pin shaft cylinder is added for connection with turntable, eliminated the hidden danger for safety of counterweight assembly/disassembly.
Counterweight is 46t, includes:
Counterweight tray　11t/piece, total 1 piece;
Counterweight I　5t/piece, total 6 pieces;
Counterweight II　2t/ piece, total 2 pieces.

操纵室

操纵室采用钢制框架结构，正面配置有整体式夹层玻璃，其余玻璃均为钢化玻璃。装有可调式座椅、按人机工程学布置的全套操纵仪表和控制装置，配置风道式冷暖空调、音响、灭火装置、闭路监视系统等，宽敞舒适。工作时，操纵室可调整俯仰角度，扩大视野，方便操作；运输时，操纵室可从侧方转到前方，减小运输宽度。

Operator's cabin

Operator' s cabin is steel frame structure, the front windshield is provided with overall sandwich glass, other glass is all hardened glass, equipped with adjustable seat, ergonomic designed instruments and control devices, air-conditioner, CD player, fire extinguisher, closed circuit monitor and etc., spacious and comfortable. When working, the cabin' s angle can be adjusted to enlarge the view field; when traveling, the cabin can be turned from the side to the front in order to reduce the transport width.

转 台

转台采用高强度钢板焊接而成，整体结构型式采用大箱形框架式等强度梁结构，两侧工字形主立板用箱形梁左右联接。
该结构的优点为整体抗弯、抗扭能力强，稳定性好，转台内空间较大，有利于保养及维护。
转台通过回转支承与下车联接。转台上安装有驾驶室、起升机构、变幅机构、发动机、桅杆、臂架及配重等重要部件。

Turntable

Turntable is large box type structure welded by high-strength steel, with both side "工" type upright plate connected with box type beam at left and right.
The structure advantage is strong overall tensile strength, good stability and large inside space, helpful for maintenance.
It connects with the undercarriage through slewing ring, operator' s cabin, winch system, luffing system, engine, mast, boom and counterweight etc. respectively arranged on the turntable at different positions.

下 车

下车包括车架、履带架、行走机构。车架和履带架采用销轴连接。

Crane Carrier

Crane carrier comprises car-body, track frame, and propel unit. Car-body and track frame take pin shaft connection.

车架

车架采用高强钢板、箱形结构，中间设置横隔板，加强其抗扭刚度，结构简单，承载能力强，刚性好。

Car-body

Car-body is made of high-strength steel and welded in box type structure, with cross panel installed in the middle to strengthen its stiffness against torsion, simple structure, high loading capacity and well rigidity.

履带架

包括履带梁和四轮一带。履带梁采用箱形结构，和车架连接部位局部加强，中间设置横隔板。两个履带架对称布置。四轮一带采用高强度合金铸钢铸造而成，履带板宽度为 1.0m。履带架上安装有销轴油缸，用桅杆上的辅助安装油缸可方便实现履带架的自拆装 。

Track frame

Crawler travel unit consists of track frame, track shoe, drive sprocket, idler roller, track roller and travel motor. Track frame is box-type structure, connected with frame and strengthened partially, and cross panel is installed in the middle of it. Two track frames are symmetrically arranged. The four- roller and one-track are made of high-strength alloy casting steel. The track shoe width is 1.0m. On track frame installed pin shaft cylinder, with assistant cylinder on mast, easy for track frame self assembly and disassembly.

行走机构

行走机构采用内藏式行星齿轮减速机、轴向柱塞式变量马达驱动，减速机带有液压释放行走制动器，安全可靠。左右两套行走机构可同步操作，也可单独操纵，以实现直行和转弯。

Crawler travel unit

Crawler travel unit uses built-in planetary gear reducer and axial piston variable displacement motor, the reducer has hydraulic release service brake, safe and reliable. Two crawler travel units at left and right can be operated not only synchronously but also independently to realize straight drive and turning around.

详细介绍
Detailed Introduction

行走速度

变量马达可以实现无级变速，最高速度 1.3 公里 / 小时。行走时，设备运行平稳，可实现快速行走。

Travel speed

Variable displacement motor can realize infinitely variable speeds, with max. speed 1.3 km/h, travel stable and fast.

作业设备

作业设备包括主臂、固定副臂、变幅副臂、桅杆、吊钩等。

Lifting Operation Parts

The lifting operation parts devices comprise:boom,fixed jib,luffing jib,mast, hook block

主臂

主臂由底节臂、顶节臂和中间节组合而成，主臂为空间桁架式结构，底节臂、顶节臂为锥形变截面结构，顶节臂可联接固定副臂和臂端单滑轮机构，中间节为等截面结构。主臂用高强度优质钢管焊接而成，臂架顶部与根部用钢板加强，以利于传递载荷。主臂长度为 16 ～ 76m 。
组成：底节臂 8m、中间节臂 3m×2、中间节臂 6m×1、中间节臂 12m×4、顶节臂 8m×1。

Boom

Boom comprises boom base, boom top and boom insert, with lattice type structure; boom base and boom top are tapered variable section, and boom top may be connected with fixed jib and single top, boom insert is veriable section. Boom is welded by high-strength steel tube, boom top and boom foot are reinforced by steel plates for load transfer. Boom length is 16m~76m.
Composition: boom base 8m, boom insert 3m×2, boom insert 6m×1, boom insert 12m×4, boom top 8m×1.

固定副臂

主臂长 37 ～ 64m 范围内可安装固定副臂进行作业，固定副臂长度组合为 13 ～ 31m，与主臂间的安装角分为 15° 和 30° 两种。
组成：底节臂 6m、中间节臂 6m×3、顶节臂 7m。

Fixed jib

Fixed jib can be attached and operated within the range of boom length 37m ～ 64m, fixed jib length combination is 13m ～ 31m, with two offset angle of 15° and 30°.
Composition: jib base 6m, jib insert 6m×3, jib top 7m.

桅杆

桅杆为箱形双肢结构，具有良好的整体稳定性。桅杆上安装有辅助拆装油缸，用于臂架及履带架自拆装，也可用于其它辅助吊装。

Mast

Mast is box-type structure of two limbs with good overall stability, and installed assistant cylinder for self assembly/disassembly of boom, track frame, and also for other auxiliary parts lifting.

吊钩

标准配置：130t吊钩、80t吊钩、32t吊钩、13.5t吊钩。

Hook block

Standard equipment:130t capacity hook block, 80t capacity hook block, 32t capacity hook block, 13.5t capacity hook block.

安全装置

安全装置包括：力矩限制器、主副提升防过卷装置、主副提升防过放装置、变幅棘爪装置、起重臂角度限位、主副臂防后倾系统、闭路监视系统、示高灯、风速仪、电子水平仪、防雷击系统、蜂鸣器及警示灯、功能互锁、应急功能、发动机功率极限载荷调节及失速保护、故障自诊断系统及黑匣子功能、断电保护等。

Safety devices

The safety protection devices comprise: load moment limiter, main/auxiliary winch over-wound protection, main/auxiliary winch over-release protection, winch ratchet locking device, boom angle limit, boom/jib backstop system, closed circuit monitor system, height mark lamp, anemometer, level gauge, lightning proof system, buzzer and warning lamp, two-way hydraulic lock, emergency function, engine power limit and extreme load regulation, stall protection, self diagnosis, black box and power cut-out protection.

力矩限制器

检测功能：力矩限制器能自动检测出起重臂的角度、起重载荷大小。
显示功能：实时的显示当前实际载荷，工作半径，起重臂角度和当前风速。
警示功能：如果检测到实际载荷超过额度载荷，起重臂超过极限角度，力矩限制器发出报警并限制当前动作。

Lode moment limiter

Detection function: automatically detect boom angle and lifting load.
Display function: real time display current actual load, working radius and boom angle.
Warning function: automatically send out warning signal and stop crane operation when detecting actual load exceeding rated load and boom out of limit angle.

主、副提升防过卷装置

当主、副卷扬起升到最大高度时，高度限位检测开关起作用，显示器中过卷保护指示灯亮，同时禁止卷扬起升动作。

Main/Auxiliary winch over-wound protection device

When main/auxiliary winch hoists up to a certain lifting height, an over-wound warning lamp on instrument panel lights on, at the same time, load moment limiter stops crane hoisting up operation.

主、副提升过放装置

当主、副提升卷扬过放时，安装在卷筒内部的三圈保护开关检测到卷筒上的钢丝绳剩下三圈，仪表板上的指示灯亮，同时禁止卷扬落动作。

Main/Auxiliary winch over-release protection device

A rope-end limiter is set on main and auxiliary hoist winch to protect wire rope from over-release, when only three turns of rope left on the drum, it stops drum hoisting down, and at the same a warning lamp on instrument panel lights up.

棘爪锁止装置

该功能用于锁定变副卷扬，起重臂降落的时候必须打开该装置，否则不能降落，用于保护臂架在非工作时安全停放。

Winch ratchet locking device

Winch drum has a ratchet locking device, and it must be turned on when lowering boom, otherwise boom cannot be lowered. The device is used to stow the boom for safety.

起重臂角度限位

起重臂角度限位是由力矩限制器和安装在臂架上的行程开关双重控制的，主臂达到 80° 时，控制系 统将自动停止主臂的起臂动作，主臂仰角达到 30° 时，控制系统将自动停止主臂的落臂动作，同时蜂鸣器发出声音报警。

Boom angle limit

Boom angle limit is controlled by load moment limiter and hoist limit switch on boom. When boom angle is more than 80 ° , the boom control system stops boom raising. When boom angle is less than 30°, the boom control system stops boom lowering, and at the same time buzzers give a sound warning.

主副臂防后倾系统

主臂、副臂上安装有防后倾装置，当主副臂有后倾趋势时，防后倾装置可提供足够的防后倾力防止臂架后倾。

Boom/Jib backstop system

Boom and jib is installed a backstop device, when boom and jib have backwards tilting, the backstop device may provide enough suport to prevent boom and jib from tilting backwards.

闭路监视系统

司机室安装有闭路监视系统，通过安装在转台尾部及臂架上的摄像头和监示器，司机可即时观察起升机构、变幅机构的工作情况。

Closed circuit monitor system

The operator' s cabin has closed circuit monitor system, through the camera and monitor installed on turntable tail and boom, operator can keep watch on hoist winch and luffing gear working situation.

声光报警器

在履带起重机移动或做回转动作时，警告灯闪烁并且发出声音报警。

Audio/Video warning

When crawler crane is moving and slewing, there is light and sound for warning.

详细介绍
Detailed Introduction

三色力矩报警灯

由三种颜色组成，负载在 90% 以下时“绿灯”亮，表示起重机在安全区域运行，负载在 90%-100% 的时候“黄灯”亮，表示起重机在已接近额度载荷范围，负载在 100%-102% 以上时“红灯”亮，表示起重机已经超载，在危险区域，控制系统自动切断起重机向危险的方向运行。

Load moment tricolor warning lamp

The lamp comprises 3 colors, when crane loading is below 90% of total rated lifting load, "Green Lamp" lights on to indicate crane is running in safety area; when crane loading is in 90% ～ 100% of total rated lifting load, "Yellow Lamp" lights on to indicate crane is close to total rated lifting load; when crane loading is above 100% ～ 102% of total rated lifting load, "Red Lamp" and "Yellow Lamp" light on at the same time to indicate crane is overload; In dangerous area, control system can automatically cut off crane movement to dangerous direction.

应急功能

当控制器损坏时，可以使用应急开关替代手柄，将起重机操作到安全状态。主卷扬、副卷扬、主变幅、回转等动作均支持应急操作功能。

Emergency function

When a breakdown occurs in the control system, a emergency switch may be used to replace the control to bring the machie into safety status, main/auxiliary winch, main luffing gear, slewing gear are supported for the emergency control function.

黑匣子

该功能可以将司机的操作及设备的运行参数记录下来，有利于分析事故原因。

Black box

The black box function is to record the operation data of operator and equipment, helpful for analysis of accident causes.

照明灯

装置在转台前方、臂架上和操纵室内，用于为夜间工作提供照明。

Illumination lamp

There are illumination lamps at front of turnable, on boom and in operator' s cabin for night operation.

示高灯

安装在臂架顶部，作为高空警示。

Heigth mark lamp

Boom tip has a height mark lamp for high level operation warning.

风速仪

实时检测当前风速，传送到操纵室的显视器上，提醒司机操作的安全性。

Anemometer

Anemometer at boom head can detect current wind speed and send wind signal to a monitor in operator's cabin to alert operator for safety.

座椅开关

当司机离开座椅时，系统卸荷，所有先导手柄和脚踏阀不起作用。

Seat switch

When operator leaves the seat,the system is unloaded,and all pilot control joysticks and foot pedal valves have no function.

电子水平仪

水平仪X轴和Y轴在3° 和10° 之间时，显示器报警。

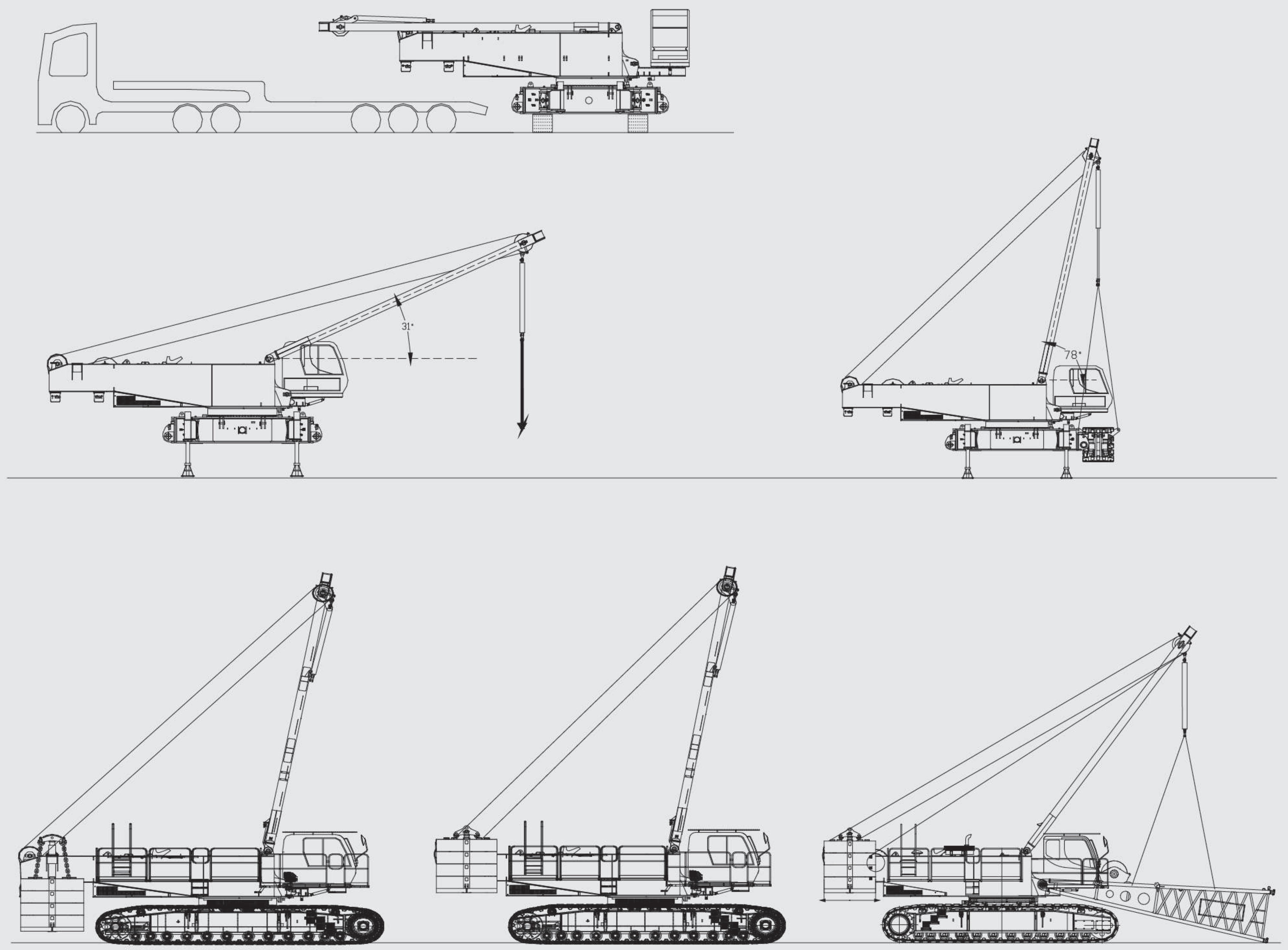
Electronic level meter

The level meter will give a warning when the dispiay indicates horizontal X-axis and Y-axis is at 3°~10°.

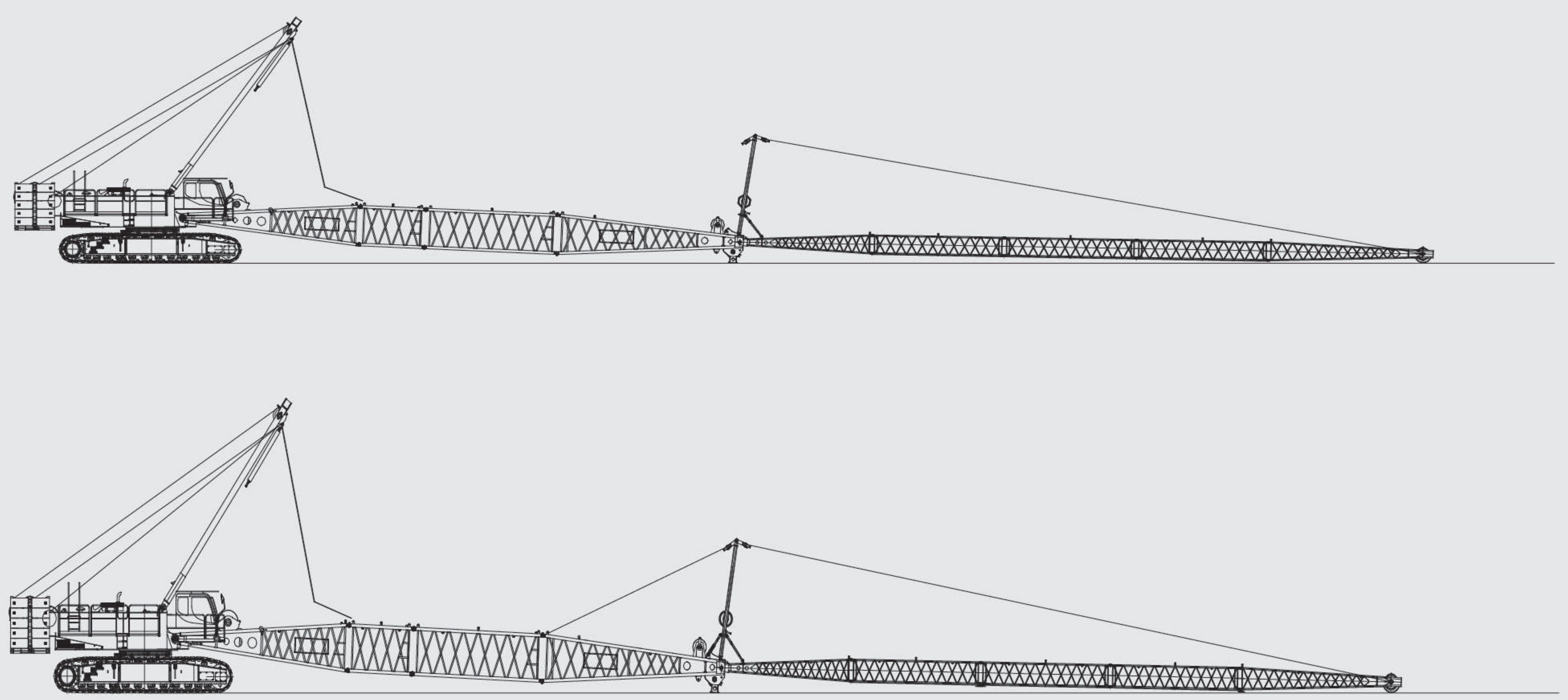
注: XGC130 履带起重机配重提升自拆装油缸、桅杆头部提升自拆装油缸均为选装配套件。

Remark: The following parts of XGC130 are optional configuration: self assembly and disassembly hydrocylinder for car-body counterweight and mast.

自拆装(选配)
Self Assembly & Disassembly (Optional Function)



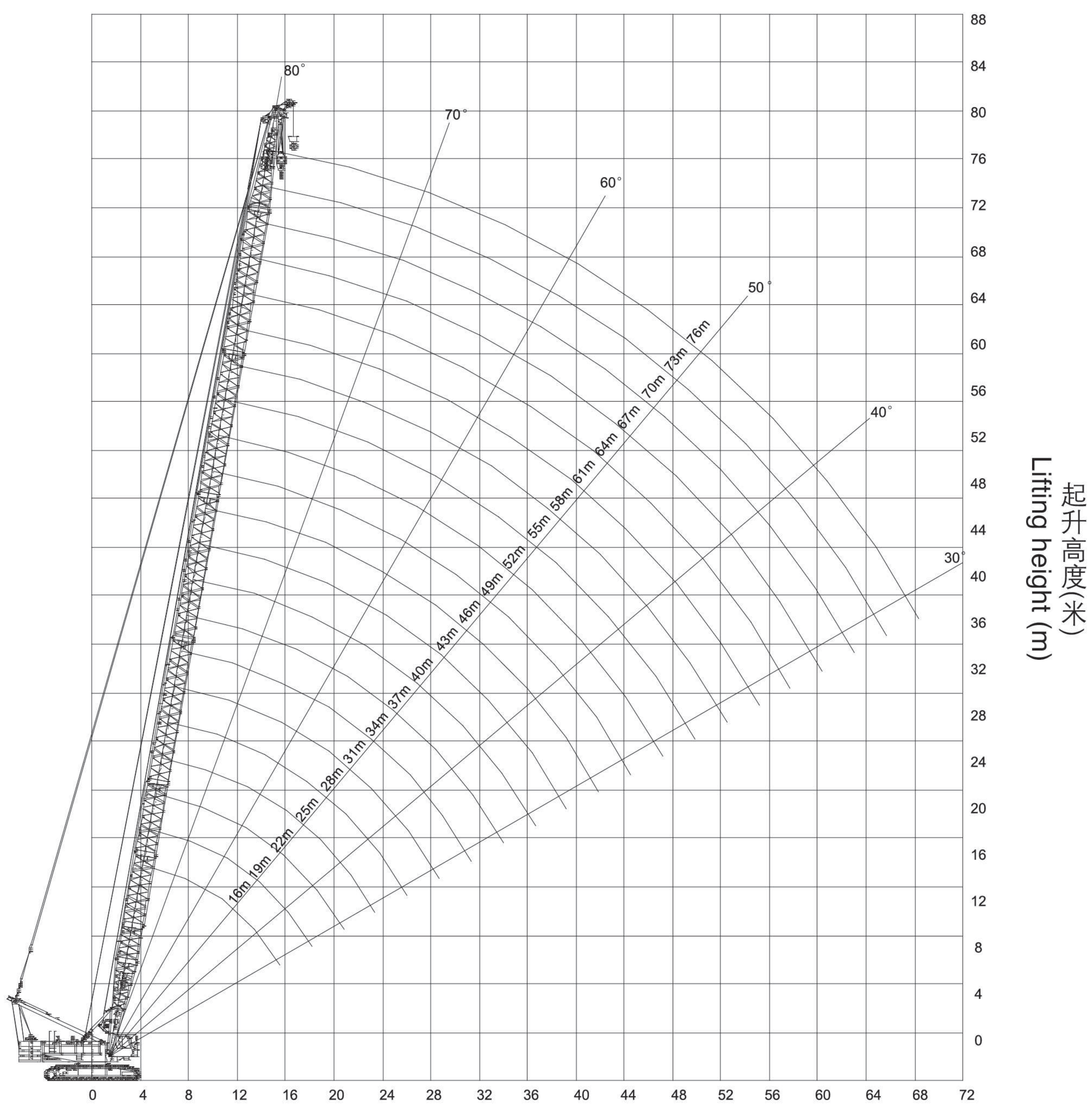
固定副臂安装示意图
Fixed Jib Installation Illustration



主臂工况臂节组合
Boom Combination

臂长 Boom length (m)	底节臂 Boom butt 8m	中间节臂 Boom insert 3m	6m	12m	顶节臂 Boom top 8m
16	1	–	–	–	1
19	1	1	–	–	1
22	1	–	1	–	1
25	1	1	1	–	1
28	1	–	–	1	1
31	1	1	–	1	1
34	1	–	1	1	1
37	1	1	1	1	1
40	1	–	–	2	1
43	1	1	–	2	1
46	1	–	1	2	1
49	1	1	1	2	1
52	1	–	–	3	1
55	1	1	–	3	1
58	1	–	1	3	1
61	1	1	1	3	1
64	1	–	–	4	1
67	1	1	–	4	1
70	1	–	1	4	1
73	1	1	1	4	1
76	1	2	1	4	1

主臂作业范围
Boom Working Area



主臂工况载荷表
Boom Working Condition and Lifting Load Chart

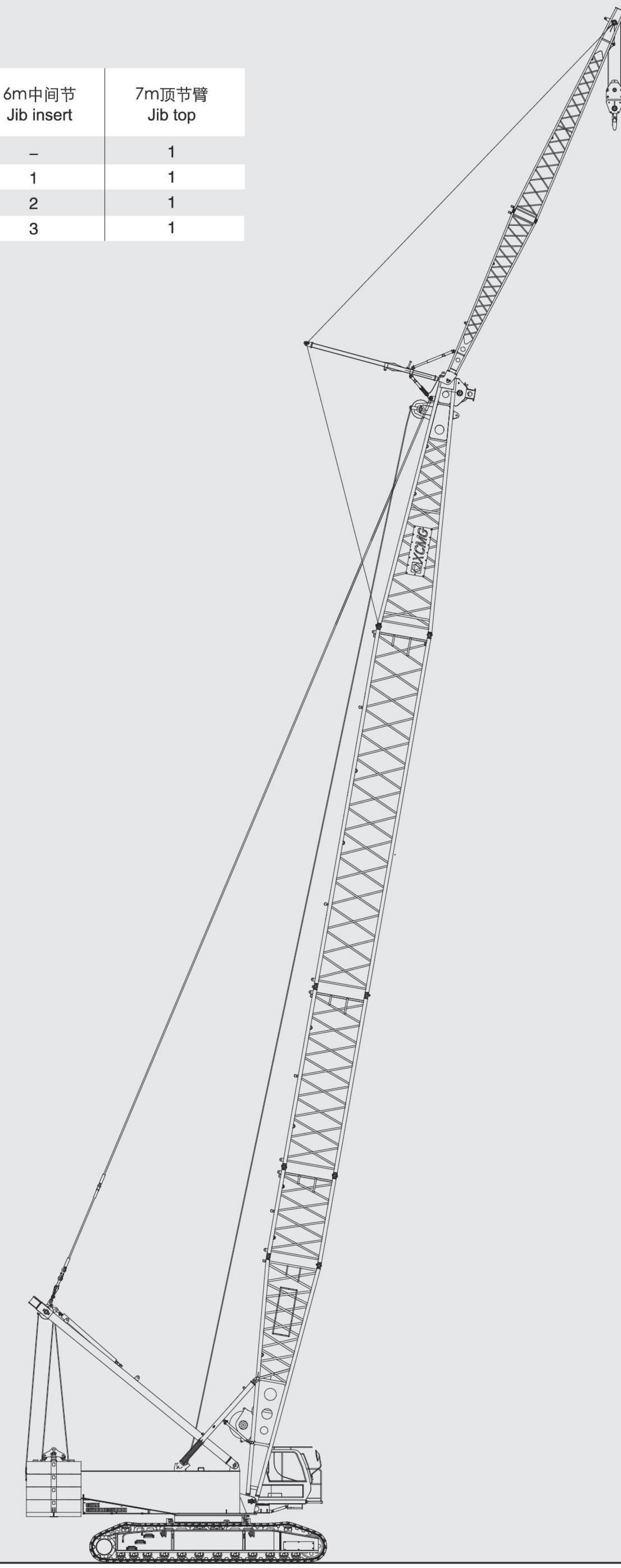
幅度 Radius (m)	臂长 Boom length (m)											幅度 Radius (m)
	16	19	22	25	28	31	34	37	40	43	46	
4.6	135											4.6
5	132	130										5
6	120	119.5	118	115.7								6
7	101	100.5	98.7	98.5	98.5	87.9						7
8	86.8	86.7	86	84.4	83	81.4	79.8	75.8				8
9	75.1	74.2	73	71.8	70.6	69.4	68.2	67	66	64.8		9
10	64	63.8	63.3	62.3	61.4	60.4	59.4	58.5	57.5	56.6	54.9	10
12	49.1	49.1	49	49	48.6	47.8	47.1	46.3	45.7	45	45	12
14	39.7	39.7	39.7	39.5	39.5	39.4	38.8	38.2	37.8	37.2	37.2	14
16		33	33.2	33.2	33.2	33	32.9	32.4	32	31.4	31.2	16
18			28.3	28.3	28.3	28.1	28	27.9	27.6	27.2	27.1	18
20			24.6	24.5	24.6	24.5	24.3	24.2	24.2	23.8	23.8	20
22				21.6	21.6	21.6	21.3	21.2	21.2	21	20.9	22
24					19.2	19.1	18.9	18.8	18.8	18.7	18.4	24
26						17.1	16.9	16.8	16.8	16.7	16.4	26
28							15.2	15.1	15.1	15	14.8	28
30							13.8	13.6	13.6	13.5	13.4	30
32								12.5	12.5	12.3	12.1	32
34									11.3	11.1	11	34
36										10.2	10.1	36
38										9.4	9.2	38
40											8.5	40
配重	46	46	46	46	46	46	46	46	46	46	46	配重
倍率	14	14	12	11	10	9	8	7	6	6	5	倍率

主臂工况载荷表
Boom Working Condition and Lifting Load Chart

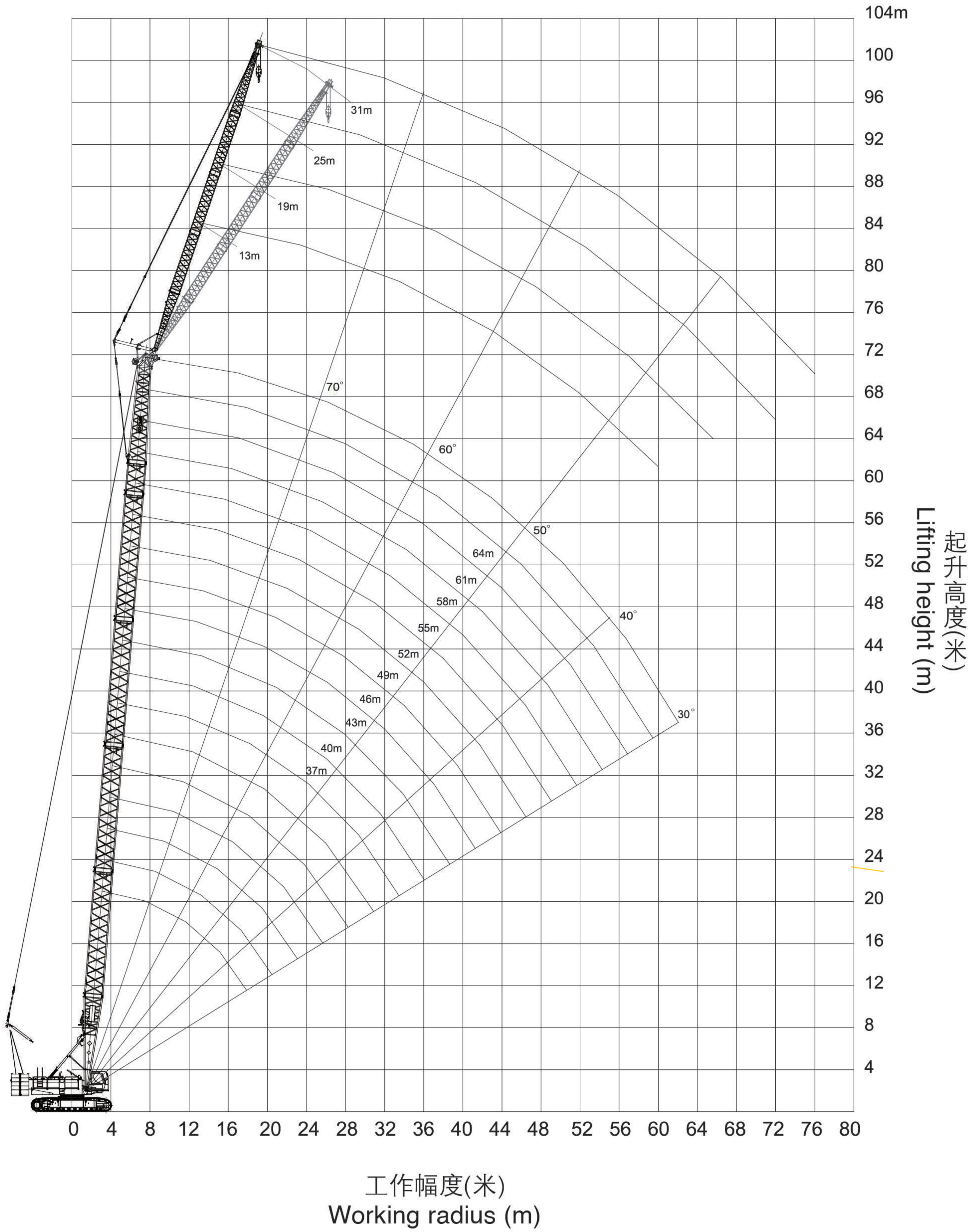
幅度 Radius (m)	臂长 Boom length (m)										幅度 Radius (m)
	49	52	55	58	61	64	67	70	73	76	
10	54.5										10
12	45	45	44.3	41.7	36.5						12
14	37.2	37.1	37	36.5	35.6	30.6	28.4	23.9	19.9		14
16	31.1	31	31	30.7	30.3	29.9	28.4	23.9	19.4	16.7	16
18	27.1	27.1	26.8	26.4	26	25.8	26.2	22.4	18.9	16.2	18
20	23.7	23.7	23.4	23	22.6	22.3	22.7	20.8	18.2	15.7	20
22	20.6	20.6	20.5	20.2	20	19.7	19.4	19.1	17.6	15.2	22
24	18.3	18.3	18.1	17.9	17.7	17.5	17.2	16.8	16.7	14.6	24
26	16.3	16.1	16	15.9	15.6	15.6	15.4	15	14.8	14.1	26
28	14.6	14.6	14.4	14.2	14	13.9	13.8	13.5	13.2	12.9	28
30	13.1	13.1	13	12.7	12.6	12.5	12.3	12.1	11.9	11.5	30
32	11.9	11.8	11.7	11.5	11.3	11.3	11.1	10.9	10.7	10.3	32
34	10.9	10.7	10.6	10.5	10.2	10.1	10	9.7	9.7	9.3	34
36	10	9.8	9.7	9.4	9.3	9.2	9	8.8	8.8	8.4	36
38	9	9	8.9	8.6	8.4	8.4	8.2	8	7.8	7.6	38
40	8.2	8.2	8.1	7.8	7.7	7.6	7.4	7.2	7.2	7	40
42	7.6	7.6	7.4	7.2	7.1	6.9	6.8	6.5	6.5	6.35	42
44		6.9	6.8	6.5	6.4	6.3	6.3	6	5.9	5.75	44
46		6.4	6.3	6	5.9	5.9	5.7	5.5	5.3	5.2	46
48			5.7	5.6	5.3	5.3	5.2	4.9	4.9	4.75	48
50				5.1	4.9	4.9	4.8	4.5	4.4	4.3	50
52					4.5	4.4	4.4	4.2	4	3.9	52
54						4.2	4	3.8	3.8	3.55	54
56						3.8	3.6	3.5	3.4	3.15	56
58							3.4	3.1	3.1	2.9	58
60								2.8	2.7	2.5	60
62									2.4	2.25	62
64									2.2	1.95	64
66										1.7	66
配重	46	46	46	46	46	46	46	46	46	46	配重
倍率	5	5	4	4	4	3	3	3	2	2	倍率

固定副臂臂节组合
Fixed Jib Combinations

副臂长度 Jib length (m)	6m底节臂 Jib base	6m中间节 Jib insert	7m顶节臂 Jib top
13	1	–	1
19	1	1	1
25	1	2	1
31	1	3	1



固定副臂工作范围图
Fixed Jib Working Area



固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	15°															
主臂长度 Jib length (m)	37				40				43				46			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	13	19	25	31
幅度 Radius (m)																
13	20.0															
14	20.0				18.0				18.0							
16	18.5	15.7			18.0	15.0			18.0				17.0			
18	17.0	15.2	11.3		17.0	15.0			17.0	15.2			16.5	15.3		
20	16.7	14.7	11.0		16.5	14.5	10.9		16.5	14.8	11.0		16.5	14.9	11.2	
22	16.7	14.0	10.5	7.0	16.5	13.9	10.4	7.0	16.5	14.3	10.7	7.1	16.5	14.5	10.9	
24	15.9	13.4	9.8	6.8	15.8	13.2	9.7	6.8	15.6	13.2	9.7	6.8	15.4	13.9	10.5	7.0
26	14.2	12.1	9.2	6.5	14.1	11.9	9.1	6.5	13.9	12.6	9.1	6.6	13.7	13.2	9.8	6.6
28	12.8	11.5	8.6	6.2	12.7	11.4	8.5	6.2	12.5	11.9	8.8	6.3	12.5	11.9	9.2	6.3
30	11.7	10.8	8.3	5.8	11.8	10.7	8.3	5.8	12.0	11.1	9.1	6.0	11.3	11.1	8.6	6.2
32	11.5	10.2	8.3	5.7	11.8	10.1	8.2	5.7	11.3	10.4	9.0	5.7	10.2	10.4	8.3	5.8
34	10.4	9.5	8.0	5.4	10.7	9.4	8.0	5.4	10.2	9.5	8.7	5.5	9.9	9.4	8.3	5.7
36	9.7	8.9	7.4	5.2	9.6	8.8	7.3	5.2	9.6	8.7	8.3	5.3	9.4	8.6	8.0	5.4
38	8.8	8.3	7.3	5.1	8.8	8.3	7.3	5.1	8.6	8.1	8.0	5.2	8.6	7.9	7.4	5.2
40	8.3	7.7	7.3	4.9	8.1	7.6	7.3	4.9	8.1	8.1	7.3	5.0	7.9	7.3	7.1	5.1
42	7.5	7.2	6.6	4.8	7.5	6.9	6.6	4.8	7.3	7.6	7.2	4.8	7.2	7.2	6.7	4.9
44	7.0	6.7	6.6	4.6	7.0	6.4	6.6	4.6	6.8	7.0	6.6	4.7	6.6	6.8	6.3	4.8
46		6.2	6.3	4.4		5.9	6.3	4.4	6.2	6.5	6.4	4.6	6.2	6.3	6.2	4.6
48		5.6	5.9	4.3		5.6	5.9	4.3	5.9	5.9	5.9	4.4	5.8	5.9	5.7	4.5
50		5.3	5.5	4.1		5.3	5.5	4.1		5.6	5.5	4.3	5.4	5.5	5.5	4.4
52			5.5	4.1			5.3	4.1		5.3	5.3	4.1		5.1	5.1	4.3
54			5.1	3.9			4.9	3.9		4.9	4.9	4.1		4.7	4.8	4.1
56			4.8	3.9			4.6	3.9			4.6	3.9		4.4	4.4	4.1
58				3.8				3.8			4.2	3.9			4.0	3.9
60				3.5				3.5				3.8			3.7	3.7
62				3.5				3.5				3.5			3.5	3.5
64												3.4				3.2
66																3.0
68																2.9
配重 (t)	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46

固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	15°															
主臂长度 Jib length (m)	49				52				55				58			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	13	19	25	31
幅度 Radius (m)																
16	16.5				16.5											
18	16.5	15.4			16.5				16.0				15.8			
20	16.5	15.0			16.5	15.0			16.0	15.0			15.8	15.0		
22	16.5	14.6	10.9		16.4	14.6	10.8		16.0	14.8	11.0		15.8	14.9	11.0	
24	15.4	13.9	10.4	7.0	15.1	14.2	10.6	7.0	15.1	14.4	10.7	7.1	14.8	14.5	10.7	
26	13.7	13.2	9.7	6.8	13.4	13.5	10.0	6.8	13.4	13.5	10.3	7.0	13.3	13.2	10.3	6.3
28	12.3	12.3	9.1	6.5	12.2	12.2	9.7	6.6	12.0	12.1	9.7	6.6	12.0	11.9	9.7	6.1
30	12.1	11.2	8.5	6.2	11.0	11.1	9.0	6.3	11.8	10.9	9.0	6.4	11.7	10.8	9.4	5.9
32	11.0	10.2	8.3	6.0	11.0	9.9	8.4	6.1	10.8	9.9	8.4	6.2	10.6	9.8	9.0	5.7
34	10.0	9.2	8.3	5.7	9.9	9.1	8.2	5.8	9.5	8.9	8.4	6.0	9.7	8.9	8.4	5.4
36	9.2	8.6	8.0	5.5	9.2	8.4	8.2	5.7	9.0	8.4	8.2	5.7	8.8	8.2	8.1	5.3
38	8.5	8.5	7.7	5.3	8.3	7.7	7.6	5.5	8.3	7.5	7.4	5.5	8.1	7.4	7.4	5.1
40	7.7	7.9	7.2	5.2	7.7	7.0	7.0	5.3	7.5	7.0	6.8	5.3	7.3	6.9	6.8	5.0
42	7.2	7.2	6.5	5.1	7.0	6.5	6.5	5.2	7.0	6.4	6.3	5.2	6.8	6.2	6.2	4.8
44	6.6	6.6	6.2	4.9	6.4	6.0	6.0	5.0	6.4	5.9	5.8	5.1	6.2	6.1	5.7	4.7
46	6.0	6.1	6.1	4.8	5.9	6.1	5.5	4.9	5.9	5.4	5.4	4.9	5.8	5.7	5.2	4.6
48	5.6	5.7	5.7	4.6	5.6	5.6	5.0	4.8	5.4	5.1	5.0	4.8	5.2	5.2	5.0	4.5
50	5.2	5.3	5.3	4.4	5.2	5.2	5.0	4.6	5.0	5.1	4.6	4.6	4.8	4.8	4.8	4.3
52	4.8	4.9	4.9	4.4	4.7	4.6	4.6	4.4	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.1
54		4.6	4.6	4.3	4.3	4.2	4.2	4.2	4.3	4.4	4.4	4.4	4.1	4.1	4.1	3.8
56		4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	4.0	4.0	4.0	3.7	3.7	3.5	3.5
58		4.0	3.9	3.9		3.8	3.6	3.6	3.5	3.8	3.7	3.7	3.3	3.3	3.3	3.2
60			3.7	3.7		3.6	3.5	3.5		3.5	3.5	3.4	3.2	3.2	3.2	3.2
62			3.3	3.4			3.3	3.3		3.1	3.1	3.1		3.1	3.0	2.9
64			3.2	3.2			3.0	3.0		2.9	2.9	2.9		2.6	2.6	2.6
66				2.9			2.8	2.6			2.6	2.6		2.5	2.5	2.5
68				2.7				2.5			2.5	2.5			2.3	2.2
70				2.5				2.4			2.3	2.3			2.1	2.1
72								2.2				2.0			1.9	1.9
74												1.8				1.7
配重 (t)	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46

固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	15°							
主臂长度 Jib length (m)	61				64			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31
幅度 Radius (m)								
18	15.5				15.6			
20	15.5	15.4			15.4			
22	15.0	15.0			15.1	13.6		
24	14.6	14.5	10.8		14.5	13.4	10.9	
26	13.1	13.0	10.6	7.0	12.9	12.8	10.7	6.3
28	11.8	11.7	10.3	6.8	11.7	11.6	10.3	6.3
30	11.7	10.6	9.7	6.6	10.5	10.4	9.7	6.0
32	10.4	9.6	9.0	6.3	9.5	9.4	9.0	5.9
34	9.6	8.8	8.4	6.2	8.7	8.6	8.5	5.7
36	8.6	8.0	7.9	6.0	7.9	8.0	7.8	5.4
38	7.9	7.8	7.3	5.7	7.2	7.2	7.1	5.3
40	7.2	7.2	6.6	5.6	6.5	6.5	6.5	5.1
42	6.6	6.5	6.0	5.3	5.8	6.3	6.0	5.0
44	6.0	6.1	5.5	5.2	5.3	6.1	5.5	4.8
46	5.6	5.7	5.0	5.2	5.1	5.6	4.9	4.7
48	5.0	5.3	5.3	5.0	4.6	5.3	4.6	4.4
50	4.6	4.5	4.7	4.7	4.2	4.5	4.3	4.1
52	5.2	4.4	4.4	4.2	3.9	4.1	3.8	4.0
54	3.9	4.0	4.0	3.9	3.4	3.8	3.3	3.9
56	3.5	3.8	3.7	3.5	3.3	3.4	3.3	3.4
58	3.2	3.5	3.3	3.2	3.0	3.1	3.0	3.0
60	3.0	3.1	3.0	2.9	2.8	2.9	2.8	2.7
62	2.6	2.7	2.6	2.7	2.4	2.6	2.6	2.5
64		2.5	2.5	2.5	2.3	2.4	2.3	2.4
66		2.4	2.3	2.2	2.0	2.2	2.1	2.2
68		2.2	2.1	2.1		2.0	2.0	1.9
70			1.9	1.9		1.9	1.8	1.7
72			1.8	1.7		1.7	1.7	1.6
74			1.7	1.6			1.5	1.5
配重 (t)	46	46	46	46	46	46	46	46

固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	30°															
主臂长度 Jib length (m)	37				40				43				46			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	13	19	25	31
幅度 Radius (m)																
16	17.0															
18	17.0				17.0					15.0			17.0			
20	16.3	11.1			16.3					14.8			16.3			
22	15.6	10.4			15.6	10.7			11.1	14.4			16.3	11.1		
24	14.8	10.2	8.2		14.8	10.4	8.2		10.4	13.5			15.6	10.4		
26	13.0	10.1	7.8		13.0	10.1	7.8		10.2	12.1	8.2		13.5	10.4	8.2	
28	12.4	10.0	7.4	5.9	13.0	10.0	7.4	6.0	10.1	10.9	7.4		12.2	10.1	7.8	
30	12.1	9.7	7.0	5.6	12.1	9.7	7.0	5.6	10.0	9.9	7.4	5.9	11.0	10.0	7.4	5.9
32	11.1	9.3	6.7	5.2	11.3	9.7	6.7	5.6	9.7	8.9	7.0	5.6	10.0	9.7	7.0	5.6
34	10.6	8.9	6.3	5.2	10.4	8.9	6.7	5.2	9.3	8.4	6.7	5.2	9.7	9.1	6.7	5.2
36	9.6	8.6	6.0	4.8	9.6	8.5	6.3	4.8	8.5	7.5	6.3	5.0	9.2	8.3	6.7	5.2
38	9.0	8.2	6.0	4.5	8.8	8.0	6.0	4.8	8.0	7.0	6.3	4.8	8.5	7.9	6.3	4.8
40	8.2	7.6	5.6	4.5	8.0	7.5	6.0	4.5	7.5	6.4	6.0	4.5	7.7	7.3	6.0	4.8
42	7.3	7.0	5.6	4.1	7.3	6.9	5.6	4.5	7.2	5.9	5.6	4.5	7.0	7.4	6.0	4.5
44	6.9	6.5	5.2	4.1	6.8	6.4	5.4	4.1	6.7	5.4	5.6	4.3	6.5	6.5	5.6	4.5
46	6.4	6.2	5.2	3.9	6.5	5.8	5.2	4.1	6.2	5.1	5.2	4.1	6.1	6.1	5.6	4.1
48		5.6	4.8	3.7	6.0	5.5	5.2	3.7	5.6	5.1	5.2	3.9	5.7	5.6	5.2	4.1
50		5.3	4.8	3.7		5.2	4.8	3.7	5.3	4.7	5.0	3.7	5.3	5.5	5.2	3.9
52		5.0	4.7	3.3		5.0	4.8	3.5	5.2	4.4	4.8	3.7	5.3	5.0	5.0	3.7
54			4.5	3.3		4.8	4.7	3.3	4.8	4.0	4.8	3.5	4.9	4.6	4.8	3.7
56			4.5	3.3			4.5	3.3	4.6	3.8	4.6	3.3		4.2	4.4	3.5
58			4.5	3.1			4.5	3.3		3.5	4.2	3.3		4.2	4.0	3.3
60				3.1			4.4	3.1		3.1	4.0	3.3		4.0	3.7	3.3
62				3.1				3.1		2.9	4.0	3.1			3.5	3.3
64				3.1				3.1				3.1			3.3	3.1
66								3.1				3.1			3.2	3.1
68												3.1				3.1
70																3.0
72																2.8
配重 (t)	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46

固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	30°															
主臂长度 Jib length (m)	49				52				55				58			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	13	19	25	31
幅度 Radius (m)																
18	16.5															
20	16.3				16.5				16.0				15.5			
22	16.3	11.1			16.3				16.0				15.3			
24	15.6	10.7			15.0	11.1			14.8	11.1			14.8	11.1		
26	15.4	10.4	8.2		13.2	10.4			13.2	10.4			13.3	10.7		
28	13.7	10.1	7.8		11.9	10.2	8.2		11.8	10.4	8.2		12.0	10.4	8.2	
30	12.3	10.1	7.4	6.0	10.8	10.1	7.4	6.0	10.6	10.1	7.8		11.7	10.2	7.8	
32	11.1	10.0	7.0	5.6	9.8	9.9	7.4	5.6	9.6	9.7	7.4	5.9	10.6	9.8	7.4	5.7
34	9.5	9.2	7.0	5.6	9.7	9.1	7.0	5.6	8.8	8.8	7.0	5.6	9.7	8.9	7.4	5.4
36	9.0	8.5	6.7	5.2	9.0	8.4	6.7	5.2	8.5	8.2	6.7	5.2	8.8	8.2	7.0	5.3
38	8.3	8.0	6.3	4.8	8.1	7.7	6.7	5.2	8.1	7.4	6.7	5.2	8.1	7.4	6.7	5.1
40	7.5	7.3	6.3	4.8	7.6	7.0	6.3	4.8	7.4	6.9	6.7	4.8	7.3	6.9	6.7	5.0
42	7.0	7.0	6.0	4.5	6.8	6.5	6.0	4.8	6.8	6.2	6.2	4.8	6.8	6.2	6.2	4.8
44	6.6	6.5	6.0	4.5	6.3	6.0	6.0	4.5	6.3	5.8	5.7	4.5	6.2	6.1	5.7	4.7
46	6.0	6.0	5.6	4.3	5.7	5.7	5.3	4.5	5.7	5.3	5.3	4.5	5.8	5.7	5.2	4.6
48	5.6	5.5	5.6	4.1	5.2	5.1	5.0	4.1	5.3	5.0	4.9	4.3	5.2	5.2	5.0	4.5
50	5.0	5.0	5.2	4.1	4.9	5.0	5.0	4.1	4.9	5.0	4.5	4.1	4.7	4.8	4.8	4.3
52	4.5	4.5	4.5	3.9	5.4	4.6	4.9	4.1	4.6	4.6	4.5	4.1	4.4	4.5	4.5	4.1
54	4.3	4.3	4.3	3.7	4.2	4.1	4.0	3.7	4.2	4.3	4.3	3.9	4.0	4.1	4.1	3.8
56	4.0	4.0	4.0	3.7	4.0	3.8	3.8	3.7	3.8	3.9	4.0	3.7	3.7	3.7	3.5	3.5
58		3.8	3.6	3.5	3.9	3.6	3.5	3.5	3.5	3.7	3.6	3.7	3.5	3.3	3.3	3.2
60		3.8	3.5	3.3		3.4	3.3	3.5	3.2	3.4	3.4	3.3	3.1	3.2	3.2	3.2
62		3.5	3.2	3.3		3.1	3.0	2.8		3.0	3.0	3.0	2.8	2.9	3.0	2.9
64			3.0	2.8		2.8	2.8	2.6		2.9	2.8	2.8	2.6	2.6	2.6	2.6
66			3.0	3.0			2.5	2.4		2.5	2.6	2.5		2.5	2.5	2.5
68			2.8	2.8			2.3	2.3			2.4	2.5		2.4	2.3	2.2
70				2.6			2.2	2.2			2.2	2.3		2.2	2.1	2.1
72				2.5				2.2			2.2	2.0			1.9	1.9
74				2.4				2.0				1.8			1.9	1.7
76								1.8				1.6			1.8	1.5
78												1.6				
配重 (t)	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46

固定副臂工况载荷表
Fixed Jib Lifting Load Chart

副臂角度 Jib angle (m)	30°							
主臂长度 Jib length (m)	61				64			
副臂长度 Jib length (m)	13	19	25	31	13	19	25	31
幅度 Radius (m)								
20	15.5							
22	15.0				15.1			
24	14.6	11.1			14.5			
26	13.1	10.7			12.7	11.1		
28	11.8	10.4	8.2		11.4	10.4		
30	10.7	10.2	7.8		10.3	10.4	8.2	
32	9.5	9.6	7.4	6.0	9.3	9.2	7.8	
34	8.7	8.8	7.4	5.6	8.5	8.4	7.4	5.9
36	7.9	8.0	7.0	5.6	7.7	7.9	7.0	5.6
38	7.2	7.4	6.7	5.2	7.0	7.1	7.0	5.2
40	6.5	6.7	6.7	5.2	6.4	6.4	6.5	5.1
42	6.0	6.0	6.0	4.8	5.7	6.2	6.0	5.0
44	5.5	5.5	5.5	4.8	5.2	6.0	5.5	4.8
46	5.1	5.0	5.0	4.5	5.0	5.5	4.9	4.7
48	4.6	5.3	5.3	4.5	4.5	5.2	4.6	4.4
50	4.2	4.9	4.7	4.5	4.1	4.4	4.3	4.1
52	3.9	4.4	4.4	4.1	3.8	4.1	3.8	4.0
54	3.6	4.0	4.0	4.1	3.3	3.7	3.3	3.9
56	3.5	3.8	3.7	3.5	3.3	3.4	3.3	3.4
58	3.2	3.5	3.3	3.2	2.9	3.0	3.0	3.0
60	3.0	3.1	3.0	2.9	2.7	2.8	2.8	2.7
62	2.6	2.7	2.6	2.7	2.4	2.5	2.6	2.5
64	2.4	2.5	2.5	2.5	2.2	2.3	2.3	2.4
66	2.2	2.4	2.3	2.2	2.0	2.1	2.1	2.2
68		2.2	2.1	2.1	1.8	2.0	2.0	1.9
70		2.2	1.9	1.9		1.9	1.8	1.7
72		2.1	1.8	1.7		1.7	1.7	1.6
74			1.7	1.6			1.5	1.5
76								
配重 (t)	46	46	46	46	46	46	46	46

工作条件及注意

- 本起重机的工作条件为：臂长≤50m时风速小于13.8m/s,臂长＞50m时风速小于8.3m/s，环境温度-20°C～+40 °C，地面倾斜度小于1%。
- 载荷表中的额定起重量，是指在满足给定的工作条件下，重物自由悬挂，在坚实地面缓慢起吊重物,起重机不行走时的最大起重量。作业者须视各种不良条件（如地面松软或不平、风力、侧面负荷、摆动作用、多台起重机合力起吊等）限制或降低起重机的起重量；
- 载荷表中额定起重量包括主吊钩、钢丝绳、和其它所有吊具的重量，安装臂端单滑轮时，还包括臂端单滑轮机构、13.5副钩及钢丝绳重量。各吊钩及臂端单滑轮的重量见下表：

130t吊钩	80t吊钩	32t吊钩	13.5吊钩	臂端单滑轮
2.2吨	0.945吨	0.7吨	0.5吨	0.16吨

- 载荷表中没有列出额定载荷值的空白区为非工作区，起重机不允许在该区域内进行起重作业；
- 表中起重量为带上车全配重和下车全配重的起重量；
- 臂端单滑轮机构工作时，最大起重量11.5t，注意应减去副钩(0.5t)、钢丝绳及吊具的重量，减去主钩及钢丝绳的重量，减去臂端单滑轮的重量。
- 本机允许带载低速行驶，最大带载量为载荷表中额定载荷的90%，如需转弯行驶，最大带载量为载荷表中额定载荷的70%。

Working conditions and Cautions

- The crane working conditions: boom length ≤50m when wind speed is less than 13.8m/s; boom length ＞ 50m when wind speed is less than 8.3m/s; the ambient temperature is -20ºC～+40ºC; and the ground gradient is less than 1%.
- The rated lifting load in the chart are the maximum lifting capacity on the condition that the given working conditions are met and the load is in the state of free suspension and lifted slowly from the solid ground. Operators should limit or reduce lifting capacity according to different conditions (such as soft or uneven ground, wind force, side loading, oscillating action, several crane cooperate-lifting).
- The rated lifting capacity in the chart includes the weight of main hook block, wire rope and all slings. When single top is attached on boom head, the rated lifting capacity also includes the weight of boom single top, 13.5t capacity auxiliary hook block and wire rope. The weight of each hook block and boom single top is shown in the table below:

130t hook block	80t hook block	32t hook block	13.5t hook block	Boom single top
2.2ton	0.945ton	0.7ton	0.5ton	0.16ton

- The blank area of the chart where no rated lifting load listed is regarded as non-operation area, so crawler crane is not allowed to carry out lifting operation in this area.
- The lifting load in the chart includes the lifting capacity of full counterweight on both crane superstructure and crane undercarriage.
- When boom single top works, its maximum lifting capacity is 11.5t, and it is necessary to reduce the weight of auxiliary hook (0.5t), wire rope and slings, reduce the weight of main hook block and wire rope as well as the weight of boom single top.
- This crawler crane is allowed to travel slowly with a suspended load, the maximum load weight is 90% of rated lifting load given in the load chart, but the maximum load weight is 70% of rated lifing load given in the load chart for the crane turning around.